

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A medical container produced from a film or sheet having at least one resin layer comprising a polyolefin resin composition, wherein said polyolefin resin composition comprises (A) at least one propylene-base polymer selected from the group consisting of (A1) a propylene-base polymer composition as a mixture of (A11) a propylene polymer and (A12) an ethylene-propylene copolymer elastomer, (A2) a propylene-base block copolymer, and (A3) a propylene-base block copolymer composition as a mixture of (A2) a propylene-base block copolymer and (A12) an ethylene-propylene copolymer elastomer, and (B) an ethylene-base copolymer comprising an ethylene and at least one α -olefin having 4 or more carbon atoms, and the refractive index of the xylene-soluble portion of the mixture of polymers (A) and (B) is from 1.480 to 1.495; and the film or sheet further comprises at least one of a first high-density polyethylene layer, which comprises a high-density polyethylene and is disposed in an inner side of the film or sheet, and a second high-density polyethylene layer, which comprises a high-density polyethylene and is disposed in an outer side of the film or sheet.
2. (original): The medical container as claimed in claim 1, wherein said polyolefin resin composition has a xylene-soluble portion content of 20 to 70 mass%.

3. (original): The medical container as claimed in claim 1, wherein in said polyolefin resin composition, the ratio (MFR_A/MFR_B) of the melt flow rate (MFR_A) of propylene-base polymer (A) to the melt flow rate (MFR_B) of ethylene-base copolymer (B) is from 0.3 to 3.0.

4. (canceled).

5. (canceled).

6. (currently amended): The medical container as claimed in claim 4, 1, wherein said first high-density polyethylene layer contains 20 mass% or more of a high-density polyethylene having a density of 0.950 g/cm^3 or more.

7. (currently amended): The medical container as claimed in claim 5, 1, wherein said second high-density polyethylene layer contains 20 mass% or more of a high-density polyethylene having a density of 0.950 g/cm^3 or more.

8. (previously presented): The medical container as claimed in claim 1, wherein the thickness of the resin layer comprising a polyolefin resin composition occupies 60% or more of the entire thickness of the film or sheet.

9. (new): The medical container as claimed in claim 6, wherein the density of the high-density polyethylene is a value which is measured according to JIS K 7112 Method D.

10. (new): The medical container as claimed in claim 7, wherein the density of the high-density polyethylene is a value which is measured according to JIS K 7112 Method D.

11. (new): The medical container as claimed in claim 3, wherein the MFR is obtained as a value which is measured at 230°C with a load of 21.18 N according to JIS K 7210.

12. (new): The medical container as claimed in claim 2, wherein the xylene-soluble portion content is determined by a method including:

adding 10 g of a polyolefin resin composition to 1 L of an orthoxylene;

stirring the mixture at a temperature of a boiling point of the orthoxylene to dissolve the resin composition completely to obtain a solution;

cooling the solution while stirring until the temperature of the solution is 100°C or less and keeping the solution in a constant-temperature bath at 25°C for 2 hours;

separating a xylene-insoluble portion deposited in the solution by filtration to obtain a filtrate;

removing xylene from the filtrate by conducting drying at 60°C under reduced pressure for one day subsequent to heating at a temperature of 140°C in a nitrogen stream, to obtain a xylene-soluble-portion;

measuring the mass of the xylene-soluble portion; and

obtaining the xylene-soluble portion content by the formula: (a mass of the xylene-soluble portion) / (mass of the added polyolefin resin composition).

13. (new): The medical container as claimed in claim 1, wherein a refractive index of the xylene-soluble portion is determined by a method comprising:

forming a film having a thickness of 50 to 80 µm with a press-molding machine by preheating the xylene-soluble portion at 230°C for 5 minutes, degassing for 30 seconds, pressing the xylene-soluble portion at 6 MPa for 1 minute and cooling at 30°C for 3 minutes;

standing the film at ordinary temperature for 24 hours; and

measuring a refractive index of the xylene-soluble portion as a refractive index for sodium D line at 23°C by an Abbe refractive index meter using ethyl salicylate as the intermediate solution.